

37 CFR §1.121(c)(1) Claim Listing

1. (Original) A vector containing DNA that encodes the Ribonuclease of SEQ ID NO:1.
2. (Original) The vector of claim 0, wherein the vector is pET11d plasmid.
3. (Original) The vector of claim 0, wherein the vector is pET22b plasmid.
4. (Withdrawn) A vector containing DNA that encodes the Ribonuclease of SEQ ID NO:17.
5. (Withdrawn) A vector containing DNA that encodes the Ribonuclease of SEQ ID NO:34.
6. (Withdrawn - currently amended) A vector containing DNA that encodes the Ribonuclease of SEQ ID NO:[]51.
7. (Withdrawn - currently amended) A vector containing DNA that encodes the Ribonuclease of SEQ ID NO:[]55.
8. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:59 produced recombinantly.
9. (Withdrawn) A protein produced recombinantly and having the amino acid sequence of SEQ ID NO:1 after its initial methionine residue has been cleaved off.
10. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:60 produced recombinantly.

11. (Withdrawn) A protein produced recombinantly and having the amino acid sequence of SEQ ID NO:17 after its initial methionine residue has been cleaved off.
12. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:61 produced recombinantly.
13. (Withdrawn) A protein produced recombinantly and having the amino acid sequence of SEQ ID NO:34 after its initial methionine residue has been cleaved off.
14. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:68 produced recombinantly.
15. (Withdrawn) A protein produced recombinantly and having the amino acid sequence of SEQ ID NO:51 after its initial methionine residue has been cleaved off.
16. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:59.
17. (Withdrawn) A conservatively modified variant of the protein of claim 16.
18. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 16.
19. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 17.
20. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:60.

21. (Withdrawn) A conservatively modified variant of the protein of claim 20.
22. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 20.
23. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 21.
24. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:61.
25. (Withdrawn) A conservatively modified variant of the protein of claim 24.
26. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 24.
27. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 25.
28. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:63.
29. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:65.
30. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:67.
31. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:1 preceded at its N-terminal end by a leader sequence

that has at least the first and at most all of the residues of SEQ ID NO:64 in order.

32. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:1 preceded at its N-terminal end by a leader sequence that has at least the first and at most all of the residues of SEQ ID NO:66 in order.
33. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:68.
34. (Withdrawn) A conservatively modified variant of the protein of claim 33.
35. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 33.
36. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 34.
37. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:69.
38. (Withdrawn) A conservatively modified variant of the protein of claim 37.
39. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 37.
40. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 38.

41. (Withdrawn) A conjugate protein comprising the protein of claim 37 and a targeting moiety conjugated to the cysteine residue at position 71.

42. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:17 preceded at its N-terminal end by a leader sequence that has at least the first and at most all of the residues of SEQ ID NO:64 in order.

43. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:17 preceded at its N-terminal end by a leader sequence that has at least the first and at most all of the residues of SEQ ID NO:66 in order.

44. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:34 preceded at its N-terminal end by a leader sequence that has at least the first and at most all of the residues of SEQ ID NO:64 in order.

45. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:34 preceded at its N-terminal end by a leader sequence that has at least the first and at most all of the residues of SEQ ID NO:66 in order.

46. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:51 preceded at its N-terminal end by a leader sequence that has at least the first and at most all of the residues of SEQ ID NO:64 in order.

47. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:51 preceded at its N-terminal end by a leader sequence that has at least the first and at most all of the residues of SEQ ID NO:66 in order.

48. (Withdrawn) A protein having the amino acid sequence of SEQ ID NO:55.

49. (Withdrawn) A fusion protein having the amino acid sequence of SEQ ID NO:70.

50. (Withdrawn) A conservatively modified variant of the protein of claim 49.

51. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 49.

52. (Withdrawn) A gene that when expressed in a host encodes the protein of claim 50.

53. (Withdrawn) A fusion protein comprising a) the protein of SEQ ID NO:1 or a conservatively modified variant thereof and b) a targeting moiety.

54. (Withdrawn) The fusion protein of claim 53, further comprising a linker sequence linking the protein and the targeting moiety.

55. (Withdrawn) A conjugated fusion protein comprising a) the fusion protein of SEQ ID NO:70 or a conservatively modified variant thereof and b) a targeting moiety conjugated to the cysteine residue located at position 71.

56. (Withdrawn) A vector containing DNA of SEQ ID NO:71
encoding the Ribonuclease of SEQ ID NO:70.